

## Stat-X<sup>®</sup> Thermal, Manual, and Thermal/Manual Generators

### Features

- Effective Agent Performance. Highly effective based on required density
- Compact Modular Design. Offering adaptable design especially when space and weight are critical
- Simple and Economic Installation
- Durable. Ideal for harsh environments and remote locations
- Long service life. Service life of fifteen (15) years
- Virtually Maintenance Free
- Environmentally Friendly. EPA SNAP Listed for normally occupied and unoccupied spaces
- Zero Global Warming Potential (GWP) and zero Ozone Depletion Potential (ODP) based on the EPA SNAP list inclusion
- Made in the USA
- Approval: UL, ULc. Marine approvals: ABS, mca,

### Product Overview

The thermal feature of Stat-X thermal/manual units provide the fire detection and automatic activation. The heat detector installed on the unit is preset to activate the unit when the ambient temperature reaches a fixed activation temperature. When this occurs, the affected unit discharges, filling the space with Stat-X condensed aerosol, quickly suppressing the fire. This is a single generator for one space.

These units are suitable for a broad range of special hazard applications in smaller enclosures. They are available in sizes ranging from 30 grams up to 1,000 grams.

Part Number	Description	Aerosol Mass: grams	Weight (kg / lb)	Total Length (mm / in)	Diameter (mm / in)	Discharge Time (in sec)
15300	30T generator	30	0.33 / 0.7	109 / 4.3	51 / 2.0	8
15310*	60T generator *	60	0.42 / 0.9	143 / 5.6	51 / 2.0	8.5
15311	60MT generator	60	0.45 / 1.0	168 / 6.6	51 / 2.0	8.5
15410	100T generator	100	0.86 / 1.9	152 / 6.0	76 / 3.0	11.5
15510	250T generator	250	2.51 / 5.6	166 / 6.5	127 / 5.0	12
15511	250MT generator	250	1.31 / 2.9	218 / 8.6	76 / 3.0	18
15610	500T generator	500	3.40 / 7.5	216 / 8.5	127 / 5.0	21
15711	1000MT generator	1000	5.61 / 12.4	329 / 13.0	127 / 5.0	25



### Manual/Thermal Actuation Heads



### Thermal Actuation Heads



### Manual/Thermal Actuation Heads

Part Number	Description
20102	MT Head 158°F/70°C horizontal pull, aluminum
20103	MT Head 158°F/70°C vertical pull, aluminum
20104	MT Head 203°F/95°C horizontal pull, aluminum
20105	MT Head 203°F/95°C vertical pull, aluminum
20106	MT Head 254°F/123°C horizontal pull, aluminum
20107	MT Head 254°F/123°C vertical pull, aluminum
20112	MT Head 158°F/70°C horizontal pull, brass
20113	MT Head 158°F/70°C vertical pull, brass
20114	MT Head 203°F/95°C horizontal pull, brass
20115	MT Head 203°F/95°C vertical pull, brass
20116	MT Head 254°F/123°C horizontal pull, brass
20117	MT Head 254°F/123°C vertical pull, brass

### Thermal Actuation Heads

Part Number	Description
20142	Head, Thermal Actuation, 158°F/70°C, aluminum
20143	Head, Thermal Actuation, 203°F/95°C, aluminum
20144	Head, Thermal Actuation, 254°F/123°C, aluminum
20152	Head, Thermal Actuation, 158°F/70°C, brass
20153	Head, Thermal Actuation, 203°F/95°C, brass
20154	Head, Thermal Actuation, 254°F/123°C, brass

## Stat-X<sup>®</sup> Fixed System: Electrical Units

### Product Overview

The Stat-X generators in this instance are actuated by an electrical signal sent from the alarm panel. Stat-X electrical units are supplied in a variety of sizes to protect special hazard applications. For example, 30-gram units can be used to protect small enclosures, all the way up to multiples of 2,500-gram units.

The Stat-X<sup>®</sup> fire suppression agent can be deployed by a number of means. The most effective mode of discharge is via an installed total flooding system. The total flooding of a space with Stat-X rapidly suppresses the fire. Furthermore, the agent remains suspended for several minutes to prevent reflash. Stat-X is rated for Class A (surface), B, and C fires, giving it almost universal application.

### Features

- UL Listed for Occupied Spaces
- Effective Agent Performance. Highly effective based on required density
- Compact Modular Design. Offering adaptable design especially when space and weight are critical
- Simple and Economic Installation. No expensive labor-intensive piping is required
- Durable. Ideal for harsh environments and remote locations
- Long service life, service life of fifteen (15) years
- Virtually Maintenance Free
- Environmentally Friendly.
- Zero Global Warming Potential (GWP) & zero Ozone Depletion - Potential (ODP) based on EPA SNAP list inclusion
- EPA SNAP listed for normally occupied and unoccupied spaces
- Made in the USA
- Approval: UL, ULc. Marine approvals: ABS, mca,



### E Models ONLY

Part Number	Description	Aerosol Mass (g)	Weight (kg / lb)	Total Length (mm / in)	Diameter (mm / in)	Discharge Time (in sec)
15100	30E generator	30	0.4 / 0.8	86 / 3.7	51 / 2.0	7
15110	60E generator*	60	0.5 / 1.1	129 / 5.0	51 / 2.0	10
15111	60ME generator	60	0.5 / 1.2	153 / 6.0	51 / 2.0	10
15120	100E generator	100	0.9 / 2.0	136 / 5.3	76 / 3.0	12
15130	250E generator	250	2.5 / 5.6	154 / 6.1	127 / 5.0	12
15140	500E generator	500	3.4 / 7.6	205 / 8.1	127 / 5.0	23
15150	1000E generator	1000	7.1 / 15.7	192 / 7.5	203 / 8.0	16
15160	1500E generator	1500	8.6 / 19.0	230 / 9.0	203 / 8.0	23
15170	2500E generator	2500	11.3 / 24.9	293 / 11.5	203 / 8.0	36

### ME Models ONLY

Part Number	Description	Aerosol Mass (g)	Weight (kg / lb)	Total Length (mm / in)	Diameter (mm / in)	Discharge Time (in sec)
15530	250ME generator	250	1.4 / 3.0	205 / 8.1	76 / 3.0	18
15550	1000ME generator	1000	5.6 / 12.3	319 / 11.8	127 / 5.0	25

## Stat-X® Electrical EX Fixed Systems: Electrical Units for Classified Hazardous Areas

### Features

- UL Listed for Occupied Spaces and Ex Approval
- Effective Agent Performance
- Highly effective based on required density
- Compact Modular Design. Offering adaptable design especially when space and weight are critical
- Simple and Economic Installation
- No expensive labor-intensive piping is required
- Durable - Ideal for harsh environments and remote locations
- Long Service Life. Service life of fifteen (15) years
- Virtually Maintenance Free
- Environmentally Friendly
- Zero Global Warming Potential (GWP) and zero Ozone Depletion Potential (ODP) based on EPA Snap list inclusion
- EPA SNAP Listed for normally occupied and unoccupied spaces
- Made in the USA

### Product Overview

With UL Class I, Division 2, ATEX certificate, and IECEX certificate from UL, Stat-X® EX electric operated aerosol fire suppression units are now certified to be in enclosed environments classified as a hazardous area.

Stat-X® EX electric operated aerosol fire suppression units have attained the UL Listing for use as a total flooding system in hazardous areas classified as Class I, Division 2 in accordance with UL category code FZED and FZED7.

These units are certified by UL and are authorized to bear the UL listing mark for Canada and the United States, Class I, Division 2, as well as IECEX, and the ATEX mark.



Model	P/N Brass/SS	Aerosol Mass (g)	Weight (kg / lb)	Total Length (mm / in)	Diameter (mm / in)	Discharge Time (in sec)
30E	11880/11885	30	0.7 / 1.5	86 / 3.7	125 / 4.9	7
60E	11890/11895	60	0.8 / 1.7	129 / 5.0	160 / 6.2	10
60ME	11900/11905	60	0.9 / 1.9	153 / 6.0	183 / 7.2	10
100E	11910/11915	100	1.22 / 2.7	136 / 5.3	168 / 6.6	12
250E	11920/11925	250	2.9 / 6.3	154 / 6.1	183 / 7.2	12
500E	11930/11935	500	3.7 / 8.2	205 / 8.1	233 / 9.1	23
1000E	11940/11945	1000	7.4 / 16.4	192 / 7.5	223 / 8.7	16
1500E	11950/11955	1500	8.9 / 19.7	230 / 9.0	258 / 10.1	23
2500E	11960/11965	2500	11.6 / 25.6	293 / 11.5	320 / 12.5	36

### Protective Covers

#### Features

- Suitable for use with 30E/30T/60E/60T/60(long), 100E/100T/250ME/250MT/500T/1000ME/1000MT/1000E/1500E/2500E models
- Permanent pressure sensitive adhesive back membrane (field installed)
- 0.008 photo anodized aluminum material (label type)
- Tested to MIL-STD-810G immersion test, resistant to pressurized water spray



## Stat-X® Thermal Switch Clip Assembly

### Product Overview

The standard bracket is used for building applications. Our heavy-duty bracket is like the standard bracket. The heavy-duty bracket has a reinforced band clamp. This band clamp over the sleeve reinforces it in shock and vibration applications. The heavy-duty bracket is used for transportation applications.



Part Number	Description
18220	Thermal switch clip assembly 257°F/ 125°C, 2", normally open
18221	Thermal switch clip assembly 257°F/ 125°C, 3", normally open
18222	Thermal switch clip assembly 257°F/ 125°C, 5", normally open
18225	Thermal switch clip assembly 257°F/ 125°C, 2", normally closed
18226	Thermal switch clip assembly 257°F/ 125°C, 3", normally closed
18227	Thermal switch clip assembly 257°F/ 125°C, 5", normally closed

## Stat-X® Generator Mounting Brackets

### Product Overview

The standard bracket is used for building applications. Our heavy-duty bracket is like the standard bracket. The heavy-duty bracket has a reinforced band clamp. This band clamp over the sleeve reinforces it in shock and vibration applications. The heavy-duty bracket is used for transportation applications.

Part Number	Description	Electrical Generators	Thermal Generators
18001	2" Bracket	30E, 60E, 60ME	30T, 60T, 60MT
18002	2" Bracket – single mount		
18005	3" Bracket	100E, 250ME	100T, 250MT
18006	3" Bracket – heavy duty		
18010	5" Bracket	250E, 500E, 1000ME	250T, 500T, 1000MT
18011	5" Bracket – heavy duty		
18015	8" Bracket	1000E, 1500E, 2500E	N/A
18016	8" Bracket – heavy duty		

Heavy duty bracket

Standard bracket



External mounting bracket

### External mounting bracket

Part Number	Description	Electrical Generators	Thermal Generators
18201	2" External Bracket	30T, 60T, 60MT	30E, 60E
18205	3" External Bracket	100T, 250MT	
18210	5" External Bracket	250T, 500T, 1000MT	250E, 500E, 1000ME



## Stat-X® Generator Mounting Brackets

### Product Overview

These are typical warning signs. You can find these in Stat-X design manual. If you are complying with a standard, please make sure you are familiar-with the requirements for installation and design to ensure you meet the requirements for the fire protection system.

This information is provided in the standard.

Part Number	Description
16050	Exit Sign
16052	Isolate Switch Sign
16053	Manual Pull Station Sign
16055	Abort Switch Sign
16100	Evacuate Sign
16103	Discharge Station
16104	Event Sign, small
16105	Event Sign, large

THIS AREA IS PROTECTED BY

**Stat-X®**

Aerosol Fire Suppression

**EVACUATE AREA ON  
SOUND OF ALARM**

**DO NOT ENTER AFTER DISCHARGE  
UNTIL AREA HAS BEEN  
THOROUGHLY VENTILATED**

www.statx.com

## NANO fire alarm-/extinguishing release system

### Product Overview

The NANO is equipped with a dual extinguishing activation technology intended for the activation of electrically activatable aerosol extinguishing generators or the activation of a so-called solenoid activated system.



### Features

- The electronics of the NANO, except the connections and the dipswitches, are sealed by potting, what make it suitable for use in a contaminated environment.
- Can activate the extinguishing system either manually, or by means of the selected option, in single or double zone dependency fire detection alarm.
- Has VFC outputs for fire, fault, and ventilation off.
- Has a full monitored output for the releasing
- 2 monitored input for spot detectors or linear heat detection
- 2 monitored alarm input for external extinguishing release and hold function.
- Double extinguishing release buttons to prevent unwanted releases.
- Extinguishing hold release button to postpone a release.
- Extinguishing release delay to prevent unwanted release.
- Historic events log memory readable

## μ-FEP alarm & extinguishing system

### Product Overview

The μ-FEP is designed to be a stand-alone fire detection-extinguishant release panel used in systems for e.g., electrical cabinets, engine rooms CNC machines, small areas, or other equipment in which the user should be able to extinguish a fire rapidly and effectively.



### Features

- Able to set to manual, single stage or double stage detection, alarm, and extinguishing.
- Outputs for fire, fault, extinguishing released, ventilation off and visual & acoustic alarm device.
- Monitored output for the aerosol fire extinguishing generators.
- 2 monitored input for linear heat and / or point detectors.
- 2 monitored alarm input for external release and hold function.
- Double extinguisher release buttons to prevent unwanted releases.
- Extinguisher hold release button
- Extinguisher release delay
- A test mode that allows to test the detection, signaling and controls without a release.
- Fault monitoring and fault identifying.
- Fault monitoring extinguishing output.
- Fault monitoring fire detection input.
- Historic event log memory readable
- IP66 and surge, transient, ESD and EMC protected.

## FS12 is DNV fire alarm & suppression panel.

### Product Overview

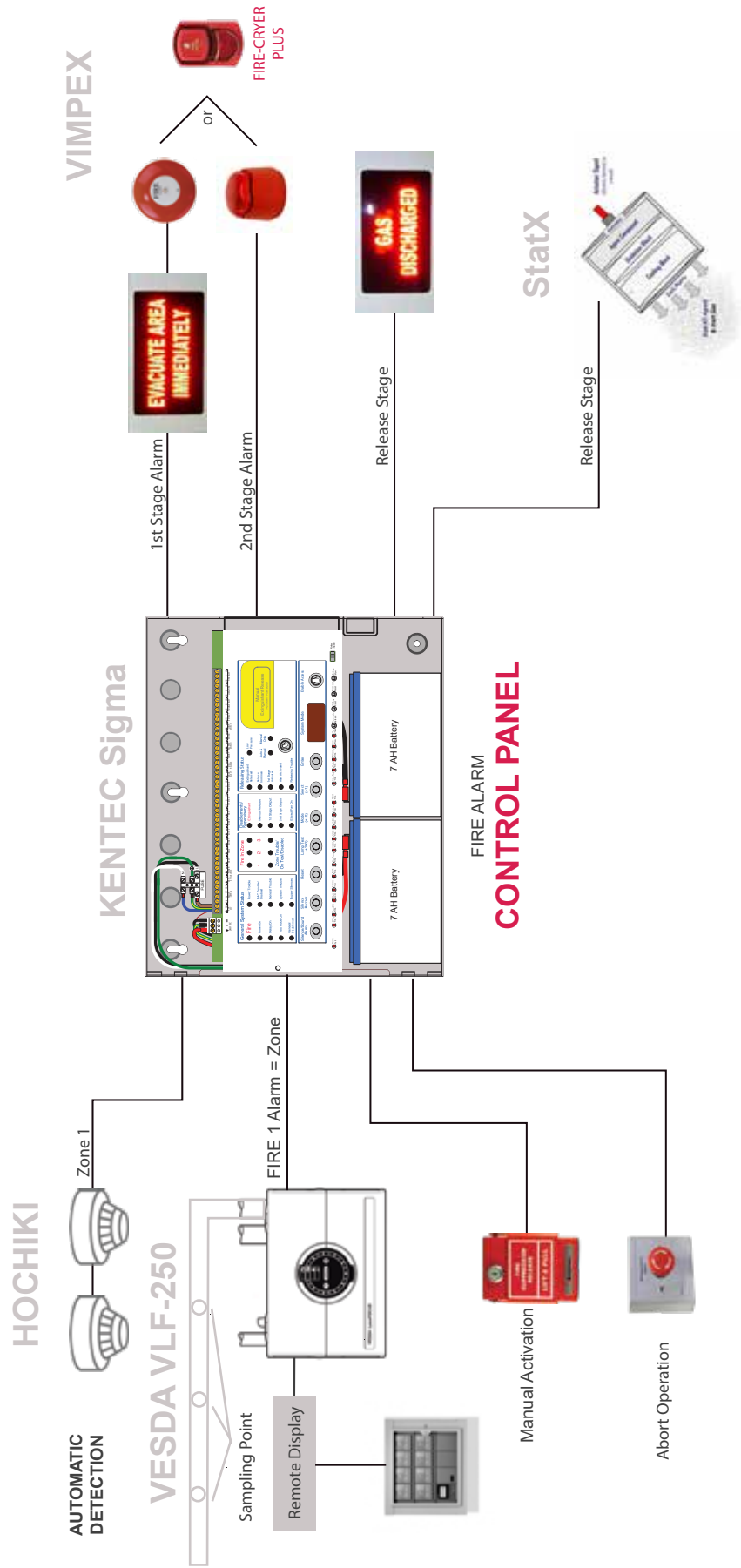
The FS12 is a fire alarm & suppression panel consisting of two main components. It has been specifically developed for controlling dry condensed aerosol fire suppression generators for the maritime sector. The FS12 system is, therefore, suitable for use in both small and large fire suppression systems.



### Features

- DNV approval
- Dimensions h x b x d 179,2x199x109,5mm
- Degree of protection IP65
- Power supply 2x24Vdc (-25% / +30%)
- Activation current 850mA
- Quiescent current <3.5A
- Alarm current <0.5A
- A maximum of 50 aerosol suppression generators can be connected to one system
- Required FS12/SUB/B per suppression generator

# Typical Aerosol Fire Suppression System Schematic



**INPUT** FIRE DETECTION AND INITIATING DEVICES

**OUTPUT** AUDIO/ VISUAL WARNING DEVICES & AEROSOL AGENT FIRE SUPPRESSION

*Important Note : Please contact FAST to find out Product Available in different countries sales@fast.expert*